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TI - 7(8)-Substituted triazinobenzimidazoles having antifungal and anthelmintic activity

IN - Beard, Colin C.; Edwards, John A.; Fried, John H.

PA - Syntex (U.S.A.), Inc., USA

SO - S. African, 33 pp.

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LA - English

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	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PN	ZA7603751	A	19780222	ZA 1976-3751	19760623
PR	US 1975-589237		19750623		
AB	Triazinobenzimidazoles I (R = C1-4 alkyl; R1 = C1-18 alkyl, alkylaminoalkyl; R2 = PhSO, PhOCH2CH2O, PhCH2OCH2CH2O, MeOCH2CH2SO, Cl, CH2CH2CH2SO) were prepd. by the cyclocondensation of imidazoles II, R1NH2, and CH2O. Thus, a mixt. of II (R = Me, R2 = PhSO) and BuNH2 in CH2Cl2 was treated with 37% H2CO and the mixt. refluxed 3 h to give I (R = Me, R1 = Bu, R2 = PhSO) (III). At 125 ppm III gave 100% control of larvae in mice infected with Nematospereoides dubius.				
IT	43156-47-4P	RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation) (prepn. and acylation of)			
RN	43156-47-4	CAPLUS			
CN	Benzenamine, 2-nitro-5-(phenylthio)- (9CI) (CA INDEX NAME)				

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